



**State of Utah**  
**Department of**  
**Natural Resources**

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**Division of**  
**Oil, Gas & Mining**

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*Lieutenant Governor*

December 8, 2005

CERTIFIED RETURN RECEIPT  
7002 0510 0003 8603 2632

Ken George  
Holcim (U.S.), Inc.  
6055 East Croydon Road  
Morgan, Utah 84050

Subject: Second Review of Notice of Intention to Commence Large Mining Operations,  
Holcim (U.S.), Inc., Devils Slide Mine & Plant, M/029/001, Morgan County, Utah

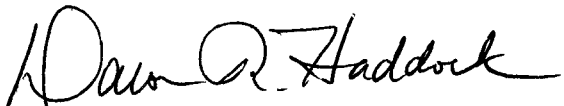
Dear Mr. George:

The Division has completed a review of your revised Notice of Intent for the Devils Slide Mine & Plant, located in Morgan County, Utah, received August 17, 2005. After reviewing the information, the Division has the following comments which need to be addressed before tentative approval may be granted.

**Please address only those items requested in the attached technical review by sending replacement pages of the original notice using redline and strikeout text.** After the notice is determined technically complete, two clean copies of the complete and corrected plan are required. One copy will be stamped "approved" and returned for your records. Please provide a response to this review by January 8, 2006.

Please contact me, Lynn Kunzler, or Doug Jensen of the Minerals Staff with questions or to arrange a meeting to discuss this review. Thank you for your cooperation in completing this permitting action.

Sincerely,

  
for Susan M. White  
Mining Program Coordinator  
Minerals Regulatory Program

SMW:LK:jb  
Attachment: Review  
O:\M029-Morgan\M0290001-DevilsSlide\final\2ndRev-12082005.doc

## **SECOND REVIEW OF NOTICE OF INTENTION TO COMMENCE LARGE MINING OPERATIONS**

**Holcim (U.S.), Inc.  
Devil Slide Mine & Plant**

**M/029/001  
December 8, 2005**

### **R647-4-105 - Maps, Drawings & Photographs**

#### *105.2 Surface facilities map*

The latest response indicated that changes had been made to Figures 105.4, and 105.5. Please submit these maps for the Division's review. (DJ)

### **R647-4-106 - Operation Plan**

#### *106.2 Type of operations conducted, mining method, processing etc.*

The latest response acknowledges the need to complete a study to insure the stability of the final highwall at a 3v:1h slope. Until a study is completed the highwalls in the plan will need to be designed at a 45-degree or flatter slope. This study will need to be completed on the material that will form the final highwall not the rock that forms the present highwalls. (DJ)

#### *106.3 Estimated acreages disturbed, reclaimed, annually.*

Table 106.1 in the latest response shows corrected acreage figures, the acreage figures in the text of 106.3 shows different acreage figures. Please indicate which set of figures is correct and change the incorrect numbers. (DJ)

#### *106.5 Existing soil types, location, amount*

The soil survey has been completed and details contained in this report needs to be incorporated into the plan. This includes calculations of how much soil has been salvaged to date as well as an estimated volume that will be salvaged in the future. Also, identify substitute soil materials that may be utilized to make up any shortfall of available topsoil for reclamation. (LK)

#### *106.6 Plan for protecting & redepositing soils*

Please show locations of existing and future topsoil stockpile areas. Describe how stockpiled materials will be protected from further impact until they are used for reclamation. Identify location(s) and depth of soil replacement for reclamation. (LK)

### **R647-4-107 - Operation Practices**

#### *107.2 Drainages to minimize damage*

The operator response to the initial review was that an outside consultant was putting together a drainage control plan for incorporation into the NOI. Please provide a timeframe for this and how it will be incorporated into the plan. (TM)

*107.5 Suitable soils removed & stored*

Please refer to comments under R647-4-106.6. (LK)

**R647-4-109 - Impact Assessment**

*109.4 Slope stability, erosion control, air quality, safety*

Waste dumps at the site are required to be recontoured to a slope angle of ~3h:1v to allow for revegetation and provide long term stability. (DJ)

\* This comment was not addresses in your latest response. Please provide plans to regrade waste dump slopes to a 3h:1v slope. (DJ)

**R647-4-110 - Reclamation Plan**

*110.3 Description of facilities to be left (post mining use)*

On page 14 of the Notice, under this heading it states that the plant facilities may remain ... after adjacent quarries have been abandoned and reclaimed. Please note, the Division requires reclamation of all mining related disturbances and facilities, unless at the time of reclamation there is a demonstrated use and need for certain facilities to remain. Please plan to reclaim (and include reclamation costs in the surety) all facilities. (DJ & LK)

\* This comment was not addressed in your latest response. (DJ)

*110.5 Revegetation planting program*

The last submittal states "benches in the disturbed areas to be ripped and re-vegetated will be located along the permanent highwall locations". Does this mean that all highwall benches will be ripped and revegetated? If so please indicate in the plan that all benches on the final highwall will be ripped and revegetated. (DJ & LK)

**R647-4-111 - Reclamation Practices**

*111.12 Topsoil redistribution*

Please refer to comments under \$647-4-106.6. (LK)

**R647-4-112 - Variance**

A variance to leave the highwall cannot be granted until the operator submits a study which demonstrates that the material that will form the highwall will remain stable. This comment was not addressed in the latest response. (DJ)

Second Review  
Page 3 of 3  
M/029/001  
December 8, 2005

**R647-4-113 - Surety**

Please send a corrected surety estimate containing any changes that have taken place in the plan due to your response to the Division's review comments. (DJ)

**R647-4-115 - Confidential Information**

The Division has noted that this permit application will contain confidential material which will be stamped accordingly. Pages stamped with a confidential stamp will be removed before the approved plan is placed in the public room. (DJ)

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